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Application No.: 09/934900  
Docket No.: BB1476 US NA  
Response After Final – 8 pages  
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RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 1638  
PATENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF:

JOHN R. BOOTH ET. AL.

CASE NO.: BB1476USNA

APPLICATION NO.: 09/934900

CONFIRMATION NO.: 8096

GROUP ART UNIT: 1638

EXAMINER: ELIZABETH F. MCELWAIN

FILED: AUGUST 22, 2001

FOR: NUCLEOTIDE SEQUENCES OF A  
NEW CLASS OF DIVERGED DELTA-9  
STEAROYL-ACP DESATURASE GENES

**RESPONSE AFTER FINAL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Introductory Comments**

This is in response to the Office Action dated May 5, 2004. Entry of this Response After Final is respectfully requested on the ground that it puts the claims in form for allowance. In the alternative, it is believed to put the claims in better form for consideration on appeal. Reconsideration is respectfully requested and the following submitted in support thereof.

**Amendment to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.